UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usplo.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

11/28/2003

Marvin L. Union Eaton Corporation Eaton Center 1111 Superior Avenue Cleveland, OH 44114-2584 EXAMINER
DONOVAN, LINCOLN D

ART UNIT

PAPER NUMBER

2832

DATE MAILED: 11/28/2003

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/845 519      | 04/30/2001  | Edward Louis Wellner | 00-MAF2-326         | 3386             |

TITLE OF INVENTION: CIRCUIT BREAKER

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1330    | \$300           | \$1630           | 03/01/2004 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

 Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u>

(703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

| maintenance fee notification                                                                                                                                                                                                                                         | n <u>s.</u>                                                                                                                                                                                   | p with any corrections or use Block 1)                                                                                       | Note: A certificate                                                                                  | of mailing can only be used f                                                                                                                                                                                                                                                                                                            | or domestic mailings of the            |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--|--|
| 7:                                                                                                                                                                                                                                                                   | 590 11/28/2003                                                                                                                                                                                |                                                                                                                              | Fee(s) Transmittal.                                                                                  | Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.                                                                                                                         |                                        |  |  |
| Marvin L. Union Eaton Corporation Eaton Center 1111 Superior Avenue                                                                                                                                                                                                  |                                                                                                                                                                                               |                                                                                                                              | I hereby certify that<br>States Postal Service<br>addressed to the Martin transmitted to the U       | Certificate of Mailing or Transmission  I hereby certify that this Fec(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below. |                                        |  |  |
| Cleveland, OH 441                                                                                                                                                                                                                                                    | 14-2584                                                                                                                                                                                       |                                                                                                                              |                                                                                                      | (Depositor's name)                                                                                                                                                                                                                                                                                                                       |                                        |  |  |
|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                               |                                                                                                                              |                                                                                                      |                                                                                                                                                                                                                                                                                                                                          | (Signature)                            |  |  |
|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                               |                                                                                                                              | L                                                                                                    |                                                                                                                                                                                                                                                                                                                                          | (Date)                                 |  |  |
| APPLICATION NO.                                                                                                                                                                                                                                                      | FILING DATE                                                                                                                                                                                   | FIRST NAME                                                                                                                   | DINVENTOR                                                                                            | ATTORNEY DOCKET NO.                                                                                                                                                                                                                                                                                                                      | CONFIRMATION NO.                       |  |  |
| 09/845,519<br>TITLE OF INVENTION: C                                                                                                                                                                                                                                  | 04/30/2001<br>IRCUIT BREAKER                                                                                                                                                                  | Edward Lo                                                                                                                    | uis Wellner                                                                                          | 00-MAE2-326                                                                                                                                                                                                                                                                                                                              | 3386                                   |  |  |
| APPLN. TYPE                                                                                                                                                                                                                                                          | SMALI, ENTITY                                                                                                                                                                                 | ISSUE FEE                                                                                                                    | PUBLICATION FEE                                                                                      | TOTAL FEE(S) DUE                                                                                                                                                                                                                                                                                                                         | DATE DUE                               |  |  |
| nonprovisional                                                                                                                                                                                                                                                       | NO                                                                                                                                                                                            | \$1330                                                                                                                       | \$300                                                                                                | \$1630                                                                                                                                                                                                                                                                                                                                   | 03/01/2004                             |  |  |
| EXAM                                                                                                                                                                                                                                                                 | IINER                                                                                                                                                                                         | ART UNIT                                                                                                                     | NIT CLASS-SUBCLASS                                                                                   |                                                                                                                                                                                                                                                                                                                                          |                                        |  |  |
| DONOVAN,                                                                                                                                                                                                                                                             | LINCOLN D                                                                                                                                                                                     | 2832                                                                                                                         | 335-035000                                                                                           |                                                                                                                                                                                                                                                                                                                                          |                                        |  |  |
| Number is required.  3. ASSIGNEE NAME AND PLEASE NOTE: Unless been previously submitted (A) NAME OF ASSIGNI                                                                                                                                                          | an assignee is identified bed<br>d to the USPTO or is being s<br>EE                                                                                                                           | attorneys will be pri E PRINTED ON THE PATENT low, no assignce data will apper submitted under separate cover.  (B) RESIDENC | (print or type)  If on the patent. Inclusion of Completion of this form is NEE: (CITY and STATE OR C | f assignce data is only appropris                                                                                                                                                                                                                                                                                                        | ate when an assignment has<br>ignment. |  |  |
| Please check the appropriate  4a. The following fee(s) are                                                                                                                                                                                                           |                                                                                                                                                                                               | ries (will not be printed on the p                                                                                           |                                                                                                      | corporation or other private gr                                                                                                                                                                                                                                                                                                          | roup entity                            |  |  |
| ☐ Issue Fee                                                                                                                                                                                                                                                          | chelosea.                                                                                                                                                                                     | 4b. Payment of                                                                                                               | rec(s).  the amount of the fee(s) is                                                                 | enclosed                                                                                                                                                                                                                                                                                                                                 |                                        |  |  |
|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                               |                                                                                                                              | by credit card. Form PTO-20                                                                          |                                                                                                                                                                                                                                                                                                                                          |                                        |  |  |
| ☐ Advance Order - # of 0                                                                                                                                                                                                                                             | Copies                                                                                                                                                                                        | Direc                                                                                                                        | •                                                                                                    | charge the required fee(s), or                                                                                                                                                                                                                                                                                                           | credit any overpayment, to             |  |  |
| Director for Patents is reques                                                                                                                                                                                                                                       | sted to apply the Issue Fee at                                                                                                                                                                | nd Publication Fee (if any) or to                                                                                            | re-apply any previously pai                                                                          |                                                                                                                                                                                                                                                                                                                                          |                                        |  |  |
| (Authorized Signature)                                                                                                                                                                                                                                               |                                                                                                                                                                                               | (Date)                                                                                                                       | <del></del>                                                                                          | <del></del>                                                                                                                                                                                                                                                                                                                              |                                        |  |  |
| NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyon other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. |                                                                                                                                                                                               |                                                                                                                              | arty in                                                                                              |                                                                                                                                                                                                                                                                                                                                          |                                        |  |  |
| estimated to take 12 minute<br>completed application form<br>case. Any comments on a<br>suggestions for reducing the<br>Patent and Trademark C<br>22313-1450. DO NOT SI<br>SEND TO: Commissioner f                                                                   | is governed by 35 U.S.C. I go to to the USPTO. Time will the amount of time you r is burden, should be sent to ffice, U.S. Department of the END FEES OR COMPLE for Patents, Alexandria, Virg |                                                                                                                              | ing the ividual and/or r, U.S. irginia RESS.                                                         |                                                                                                                                                                                                                                                                                                                                          |                                        |  |  |
| Under the Paperwork Reduction Act of 1995, no persons are required to respond collection of information unless it displays a valid OMB control number.                                                                                                               |                                                                                                                                                                                               |                                                                                                                              | ı ıo a                                                                                               |                                                                                                                                                                                                                                                                                                                                          |                                        |  |  |



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FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. APPLICATION NO. 09/845,519 04/30/2001 Edward Louis Wellner 00-MAE2-326 3386 EXAMINER 11/28/2003 Marvin L. Union DONOVAN, LINCOLN D **Eaton Corporation** ART UNIT PAPER NUMBER Eaton Center 1111 Superior Avenue 2832 Cleveland, OH 44114-2584 DATE MAILED: 11/28/2003

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



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|                      |                   |                         | <del></del>         |                    |  |
|----------------------|-------------------|-------------------------|---------------------|--------------------|--|
| APPLICATION NO.      | FILING DATE       | FIRST NAMED INVENTOR    | ATTORNEY DOCKET NO. | CONFIRMATION NO.   |  |
| 09/845,519           | 04/30/2001        | Edward Louis Wellner    | 00-MAF2-326         | 3386               |  |
| 7590 11/28/2003      |                   |                         | EXAMINER            |                    |  |
| Marvin L. Union      |                   |                         | DONOVAN,            | DONOVAN, LINCOLN D |  |
| Eaton Corporation    | Eaton Corporation |                         |                     |                    |  |
| Eaton Center         |                   |                         | ART UNIT            | PAPER NUMBER       |  |
| 1111 Superior Avenue |                   |                         | 2832                |                    |  |
| Cleveland, OH 44     | 114-2584          | DATE MAILED: 11/28/2003 |                     |                    |  |

### Notice of Fee Increase on October 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on October 1, 2003. <u>See Revision of Patent Fees for Fiscal Year 2004</u>; <u>Final Rule</u>, 68 Fed. Reg. 41532, 41533, 41534 (July 14, 2003).

The current fee schedule is accessible from (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2003 (or mailed with a certificate of mailing on or after October 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Effective October 1, 2003, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

(b) Issue fee for issuing a design patent:

(c) Issue fee for issuing a plant patent:

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.